

Title (en)

METHOD FOR MANUFACTURING A COMPONENT FOR A MOTOR-VEHICLE INTERIOR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER KOMPONENTE FÜR EIN KRAFTFAHRZEUGINNENRAUM

Title (fr)

PROCÉDÉ DE FABRICATION D'UN COMPOSANT POUR UN HABITACLE DE VÉHICULE AUTOMOBILE

Publication

EP 3124197 A1 20170201 (EN)

Application

EP 15179375 A 20150731

Priority

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Abstract (en)

A method for the manufacture of a component for a motor-vehicle interior with an associated film (F) in which an electronic circuit (E) is integrated with at least one proximity sensor (S1). The method comprises the step of thermoforming the film (F) on a mold element (7) and the step of injection of plastic material in a mold cavity (6) in such a way as to obtain a component for interior of motor-vehicle comprising a body (12) of substantially transparent plastic material associated to the film (F). The component comprises one or more proximity sensors (S1) for activating a functional component of the motor-vehicle.

IPC 8 full level

B29C 45/14 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] US 2012314348 A1 20121213 - MONCRIEFF SCOTT [US]
- [X] WO 2013058708 A1 20130425 - LEONG CHEE SENG [SG], et al
- [X] US 2009108985 A1 20090430 - HAAG RONALD H [US], et al
- [Y] WO 2011020946 A2 20110224 - PERLOS OYJ [FI], et al
- [Y] WO 2015044523 A1 20150402 - TACTOTEK OY [FI]
- [XY] DE 102011013372 A1 20120913 - JACOB PLASTICS GMBH [DE]
- [Y] US 2005002168 A1 20050106 - NARHI KATRI [FI], et al

Cited by

CN113134938A; US2021221036A1; WO2021069466A1; US10005390B2; US10308177B2; EP3328167A1

Designated contracting state (EPC)

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